

**SPILL PREVENTION, CONTROL, AND COUNTERMEASURES
BEST MANAGEMENT PLAN**

N O A A

NATIONAL WEATHER SERVICE

**Lubbock Weather Forecast Office
2579 South Loop 289, Suite 100
Lubbock, Texas 79423**

Designated Person Responsible for Spill Prevention (DRO):

Printed Name: Carl W. Hill

Signature: _____

Date: _____

Telephone: (806) 745-4354

The Regional Environmental Compliance Officer (RECO) has reviewed the facility and determined that an SPCC Plan is not required per 40 CFR 112. This Plan is developed strictly as a Best Management Plan. The determination is based on:

- X The facility does not exceed above ground storage capacity threshold.
 The facility meets capacity requirements but, a discharge will not reach navigable waterways.

RECO Printed Name: Mark George

RECO Signature: _____

Date: _____

April 16, 2003

Lubbock, TX WFO

PART I - GENERAL INFORMATION

A. GENERAL

This section of the Best Management Plan provides general information about the facility.

1. Name:

Lubbock Weather Forecast Office (WFO)

2. Date of Initial Operation:

December 13, 1993

3. Location:

Street: 2579 South Loop 289, Suite 100
City: Lubbock
State/Zip Code: Texas 79423

4. Name and phone number of owner (Point of Contact)

Carl Hill
Electronic Systems Analyst
(806) 745-4354

5. Facility Contacts

Terry Brisbin
NWS Southern Region Environmental/Safety Coordinator
(817) 978-7777, Ext. 139

B. SITE DESCRIPTION

The Lubbock WFO is located in Lubbock, Texas. Emergency backup power is provided by an 80-kilowatt emergency generator, typically used during weather-related power outages. The diesel fuel that powers the generator is stored in two rectangular, welded, single-walled, steel tanks connected in series with a combined capacity of approximately 500 gallons. The emergency generator is also equipped with a day tank with a capacity of approximately 30 gallons. The generator and tanks are located in a room adjacent to the WFO building.

The emergency generator is operated approximately 1 hour per week for maintenance purposes. Fuel consumption varies depending on duration and frequency of outages. Based on the fuel ullage logs completed, the average fuel consumption of the third quarter of 2002 was 180 gallons per month.

The ASTs are fueled via a fill port located on the outer wall of the generator room. The fill port is equipped with an approximately 5-gallon, cylindrical overfill box. The ASTs are equipped with an emergency vent and a fuel level gauge. The generator room has concrete tub flooring that is designed to contain spills and the day tank is equipped with an overflow tank to reduce the potential for spills.

Drainage in the area of the AST flows west from the generator room, along an asphalt driveway area located outside of the generator room. The drainage would most likely puddle where the asphalt driveway area terminates at the side of an office building.

The facility should maintain spill kit materials such as absorbent pads, mats, or socks sufficient to prevent a spill from the tanks or fuel delivery truck from reaching a water body. The kits should also include a disposal container that can also be used to store the other spill kit materials. Outside the northern wall of the generator room, the facility currently maintains an 85-gallon container and absorbent pads and socks that can be used to divert a small spill.

PART II - OPERATIONAL PROCEDURES FOR SPILL PREVENTION AND CONTROL

1. Fuel Unloading

- a. Appendix A includes a Tank Ullage and Fueling Log (Appendix A-1) that should be used when fuel is delivered; and
- b. Fuel Unloading Procedure Checklist (Appendix A-2) that includes a list of procedures that should be implemented when fuel is delivered.

2. Inspections and Records

Inspection and Maintenance of Tanks: The tanks should be inspected weekly for any oil outside the tank, especially at seams (including the underside). The outside of any exposed piping should be inspected weekly, especially at the joints such as gasket fittings. Monthly and annual inspections should follow the checklists presented in Appendix B.

Record Keeping: The designated person responsible for spill prevention or alternate representative is responsible for completing the ullage logs and documenting fuel unloading procedures. These records, as well as records of all inspections, should be maintained for at least 5 years from the time of inspection.

PART III - SPILL COUNTERMEASURES AND REPORTING

A. SPILL COUNTERMEASURES

This section presents countermeasures to contain, clean up, and mitigate the effects of an oil spill that impacts navigable waters or adjacent shorelines.

A spill containment and cleanup activity will never take precedence over the safety of personnel. No countermeasures will be undertaken until conditions are safe for workers. The **SWIMS** procedure should be implemented as countermeasures as follows:

- S** - Stop the leak and eliminate ignition sources.
 - a. Attempt to seal or some how stop leak if it can be done safely.
 - b. Attempt to divert flow from the drainage pathway with a spill barrier or the contents of spill kit.
 - c. Eliminate all ignition sources in the immediate area.
- W** - Warn others.
 - a. Yell out "SPILL." Inform the person in-charge at your facility.
 - b. Account for all personnel and ensure their safety.
 - c. Notify contacts and emergency response contractor as described in the following section for assistance in control and cleanup.
- I** - Isolate the area.
 - a. Rope off the area.
- M** - Minimize your exposure. Stay upwind.
- S** - Stand by to assist the emergency response contractor, if necessary.

B. SPILL REPORTING

1. General Notification Procedures for All Spills

Within 24 hours, the responsible person or designee (DRO on this plan title page) is directly charged with reporting all oil spills that result from facility operations as follows

- a. In the event of an emergency (for example, fire or injury), call **9-1-1** (if "9" is required to obtain an outside telephone line, it may be necessary to dial **9-9-1-1**).
- b. Notify the following NWS and NOAA regional and headquarters personnel.
 - Mike Jacob, (301) 713-1838 Ext. 165, JMichael.Jacob@noaa.gov, NWS Environmental Compliance Officer
 - Olga Kebis, (301) 713-1838 Ext. 173, Olga.Kebis@noaa.gov, NWS Safety Officer
 - Terry Brisbin, (817) 978-7777, Ext. 139, Terry.Brisbin@noaa.gov, NWS Southern Region Environmental/Safety Coordinator
 - Mark George, (303) 497-3064, Mark.George@noaa.gov, NOAA Mountain Regional Environmental Compliance Officer
- c. The RECO shall determine if Federal or state notification is required and follow up accordingly.

2. Cleanup Contractor Notification

An emergency response contractor should also be notified to assist with the clean up, if necessary. NWS has identified the following contractor that is available for an emergency response:

<u>Contractor</u>	<u>Phone Number</u>
V-Tech Environmental Services	(806) 748-1700

3. Spill Report

The form in Appendix C should be used to complete a spill report. This form should be sent, preferably by e-mail, to the NOAA representatives listed above.

C. Training

The designated person responsible for spill prevention and an alternate should be trained on the fuel unloading procedure and inspection requirement. Additionally, these individuals should be trained in spill countermeasures. The alternate should be designated in case the primary person is off site at the time of a spill.

Training should be conducted once annually.